hydrobiologia volume 328 (1996), contents

volume 328, no. 1, august 2, 1996

Two new Nearctic species of small Orthocladiinae (Diptera: Chironomidae) with notes on ecology
by B.A. Caldwell 1–7

Larval development of the rhizocephalan cirripede *Briarosaccus tenellus* (Maxillopoda: Thecostraca) reared in the laboratory: a scanning electron microscopy study
by D. Walossek, J.T. Høeg & T.C. Shirley 9–47

Valve movement of the freshwater mussel *Anodonta anatina*: a reciprocal transplant experiment between lake and river
by V.P.M. Englund & M.P. Heino 49–56

Quantitative relationships of invertebrates to pH in Norwegian river systems
by J. Larsen, H.J.B. Birks, G.G. Raddum & A. Fjellheim 57–74

Ratios of expected values (REX), a method for impact evaluation of thermal discharges on the fish community in the Pickering littoral waters of Lake Ontario
by M.V.A. Tufescu & T.V. Tufescu 75–83

volume 328, no. 2, august 9, 1996

Species richness, endemism, and ecology of crustacean assemblages in northern California vernal pools
by J.L. King, M.A. Simovich & R.C. Brusca 85–116

Temporal changes in the level of infestation of *Simulium ornatum* Meigen (Complex) (Simuliidae: Diptera) larvae by the endosymbiotic fungus *Harpella melusinae* Lichtwardt (Harpellales: Trichomycetes)
by M.R. Taylor, S.T. Moss & M. Ladle 117–125

Effect of growth on reproduction in the freshwater amphipod, *Hyalella azteca* (Saussure)
by D.W. Moore & J.D. Farrar 127–134

An evaluation of periphyton community structure and function on tile and cobble substrata in experimental stream mesocosms
by R.L. Lowe, J.B. Guckert, S.E. Belanger, D.H. Davidson & D.W. Johnson 135–146

Plumatella nitens, a new species of freshwater bryozoan from North America (Ectoprocta: Phylactolaemata), previously misidentified
by T.S. Wood 147–153

Short-term changes in tidepools following two hurricanes
by J.R. Moring 155–160

The impact of the River Ntahangwa, the most polluted Burundian affluent of Lake Tanganyika, on the water quality of the lake
by A. Vandelannoote, H. Robberecht, H. Deelstra, F. Vyumvuhore, L. Bitetera & F. Ollevier 161–171

volume 328, no. 3, august 16, 1996

Subtle relationships: freshwater fishes and water chemistry in southern South America
by R.C. Menni, S.E. Gómez & F.L. Armengol 173–197

Nitrogen and phosphorus concentration of different structures of the aquatic macrophytes *Eichhornia azurea* Kunth and *Scirpus cubensis* Poepp & Kunth in relation to water level variation in Lagoa Infernão (São Paulo, Brazil
by F. Nogueira, F. de Assis Esteves & A.E. Prast 199–205

Redescription and distribution of *Mastigodiaptomus montezumae* (Copepoda, Calanoida, Diaptomidae) in Mexico
by E.N. Dos Santos-Silva, M. Elías-Gutiérrez & M. Silva-Briano 207–213

Invited review paper .....
Toxicity analysis of freshwater and marine sediments with meio- and macrobenthic organisms: a review
by W. Traunspurger & C. Drews 215–261

Author index 263